

**Table 2.21 - Two-way drug combinations mentioned most frequently in emergency department episodes: 1998**  
**(Based on episodes involving 2 or more drugs.)**

Frequency	Drug combination	Combination includes:		
		Cocaine	Heroin/morphine	Marijuana/hashish
78,678	Alcohol-in-combination - Cocaine	X		
32,101	Alcohol-in-combination - Marijuana/hashish			X
29,837	Cocaine - Marijuana/hashish	X		X
25,201	Cocaine - Heroin/morphine	X	X	
22,183	Alcohol-in-combination - Heroin/morphine		X	
8,593	Alcohol-in-combination - Unspec. benzodiazepine			
7,807	Acetaminophen - Alcohol-in-combination			
7,294	Alcohol-in-combination - Alprazolam			
6,278	Alcohol-in-combination - Clonazepam			
5,989	Marijuana/hashish - Unspec. benzodiazepine			X
5,921	Cocaine - Unspec. benzodiazepine	X		
5,646	Alcohol-in-combination - Diazepam			
5,270	Heroin/morphine - Marijuana/hashish		X	X
4,081	Alcohol-in-combination - Hydrocodone			
3,936	Alcohol-in-combination - Fluoxetine			
3,730	Alcohol-in-combination - Trazodone			
3,556	Amphetamine <sup>1</sup> - Marijuana/hashish			X
3,419	Alcohol-in-combination - Ibuprofen			
3,358	Alcohol-in-combination - Lorazepam			
3,309	Alcohol-in-combination - Aspirin			
3,251	Acetaminophen - Aspirin			
3,174	Alcohol-in-combination - Amphetamine <sup>1</sup>			
2,948	Acetaminophen - Ibuprofen			
2,552	Amphetamine <sup>1</sup> - Cocaine	X		
2,461	Alcohol-in-combination - Methamphetamine/speed			
2,378	Alcohol-in-combination - d-Propoxyphene			
2,338	Alcohol-in-combination - Amitriptyline			
2,206	Marijuana/hashish - Methamphetamine/speed			X
2,054	Alcohol-in-combination - Valproic acid			
2,011	Alcohol-in-combination - OTC sleep aids			
2,009	LSD - Marijuana/hashish			X
1,973	Alcohol-in-combination - Carisoprodol			
1,816	Cocaine - Methamphetamine/speed	X		
1,807	Alcohol-in-combination - Oxycodone			
1,802	Acetaminophen w. codeine - Alcohol-in-combination			
1,594	Alcohol-in-combination - Diphenhydramine			
1,574	Alprazolam - Cocaine	X		
1,550	Aspirin - Ibuprofen			
1,487	Carisoprodol - Hydrocodone			
1,476	Alcohol-in-combination - Naproxen			
1,459	Alcohol-in-combination - LSD			
1,439	Marijuana/hashish - PCP/PCP combinations			X
1,386	Alcohol-in-combination - PCP/PCP combinations			
1,381	Amphetamine <sup>1</sup> - Unspec. benzodiazepine			
1,359	Cocaine - Diazepam	X		
1,304	Alcohol-in-combination - Methadone			
1,241	Heroin/morphine - Unspec. benzodiazepine		X	
1,220	Cocaine - LSD	X		
1,209	Acetaminophen - Diphenhydramine			
1,201	Alprazolam - Marijuana/hashish			X
1,175	Clonazepam - Trazodone			
1,165	Alcohol-in-combination - Temazepam			
1,153	Alprazolam - Heroin/morphine		X	
1,152	Alcohol-in-combination - Chlordiazepoxide			
1,130	Acetaminophen - Cocaine	X		
1,126	Cocaine - PCP/PCP combinations	X		
1,013	Acetaminophen - Marijuana/hashish			X
996	Heroin/morphine - Methadone		X	
989	Alprazolam - Diazepam			
983	Alprazolam - Hydrocodone			
966	Alcohol-in-combination - Cyclobenzaprine			
955	Diazepam - Marijuana/hashish			X
937	Clonazepam - Fluoxetine			
930	Alcohol-in-combination - Lithium carbonate			
915	Fluoxetine - Trazodone			

<sup>1</sup> Does not include methamphetamine or other unspecified amphetamines.

NOTE: Drug abuse episodes involving more than 2 mentions contribute multiple pairs to the data in the table. Three-drug episodes generate 3 paired entries; 4-drug episodes, 6 entries. For example, an episode in which cocaine, heroin, and alcohol are mentioned results in 3 entries: alcohol-cocaine, alcohol-heroin, and cocaine-heroin. Within pairs, drugs are listed alphabetically.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 1998 (07/1999 update).

**Table 2.21 - Two-way drug combinations mentioned most frequently in emergency department episodes: 1998  
(Based on episodes involving 2 or more drugs.) - Continued**

Frequency	Drug combination	Combination includes:		
		Cocaine	Heroin/morphine	Marijuana/hashish
892	Clonazepam - Lorazepam			
831	Cocaine - Hydrocodone	X		
829	Diazepam - Heroin/morphine		X	
821	Clonazepam - Valproic acid			
801	Acetaminophen - Hydrocodone			
753	Alcohol-in-combination - Hydantoin			
750	Cocaine - Methadone	X		
740	Cocaine - Oxycodone	X		
721	Alcohol-in-combination - Phenobarbital			
707	Diazepam - Oxycodone			
700	Benzotropine - Haloperidol			
689	Alprazolam - Carisoprodol			
684	Acetaminophen - Unspec. benzodiazepine			
683	Alcohol-in-combination - Carbamazepine			
655	Diazepam - Hydrocodone			
633	Alprazolam - d-Propoxyphene			
628	Heroin/morphine - Methamphetamine/speed		X	
626	Hydrocodone - Oxycodone			
613	Carisoprodol - Cocaine	X		
596	d-Propoxyphene - Hydrocodone			
576	Marijuana/hashish - MDM			X
575	Ibuprofen - Naproxen			
571	Acetaminophen - Naproxen			
566	Cocaine - d-Propoxyphene	X		
566	Carisoprodol - Diazepam			
560	Acetaminophen - Fluoxetine			
557	Alcohol-in-combination - Doxepin			
552	Clonazepam - Unspec. benzodiazepine			
546	Hydantoin - Phenobarbital			
545	Clonazepam - Lithium Carbonate			
542	Clonazepam - Cocaine	X		
537	Alcohol-in-combination - Hydrocortisone			
529	Clonazepam - Marijuana/hashish			X
524	Acetaminophen - Pseudoephedrine			
521	Acetaminophen w. codeine - Nortriptyline			
518	Fluoxetine - Valproic acid			
517	Carisoprodol - d-Propoxyphene			
498	Alcohol-in-combination - Butabarbital combination			
497	Alcohol-in-combination - Phenaglycodol			
495	Unspec. benzodiazepine - Valproic acid			
486	Alcohol-in-combination - Methocarbamol			
478	Alcohol-in-combination - Hydroxyzine			
474	Cocaine - Trazodone	X		
470	Alprazolam - Clonazepam			
469	Lorazepam - Trazodone			
466	Heroin/morphine - Oxycodone		X	
464	Alcohol-in-combination - Benzotropine			
457	Aspirin - Marijuana/hashish			X
457	Alprazolam - Lorazepam			
456	Carisoprodol - Marijuana/hashish			X
456	Acetaminophen w. codeine - Carisoprodol			
455	Hydrocodone - Naproxen			
455	Alcohol-in-combination - Codeine			
454	Amitriptyline - Carisoprodol			
451	Alcohol-in-combination - Ephedrine			
448	Aspirin - Cocaine	X		
447	Lithium Carbonate - Valproic acid			
444	Lorazepam - Oxycodone			
433	Lorazepam - Marijuana/hashish			X
418	Alcohol-in-combination - Thioridazine			
416	Aspirin - Unspec. benzodiazepine			
406	Amitriptyline - Hydrocodone			
403	Acetaminophen - Lorazepam			
402	Aspirin - Naproxen			
402	Alprazolam - Fluoxetine			

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